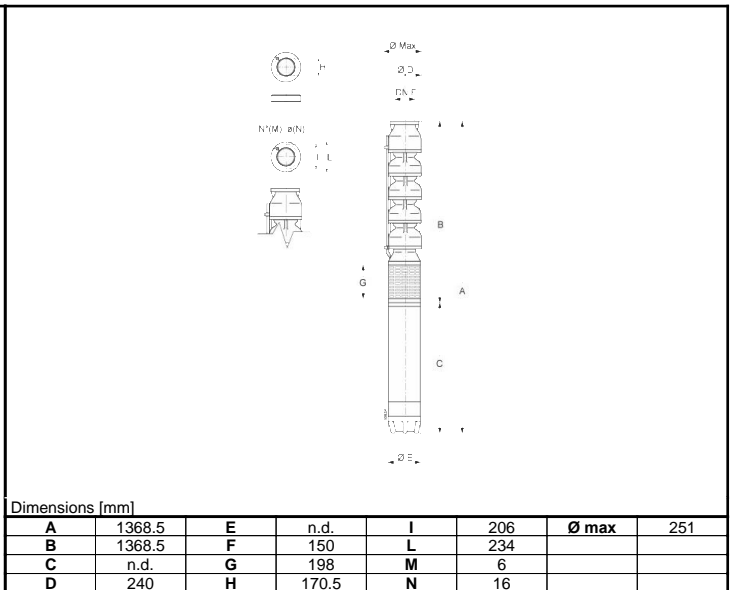
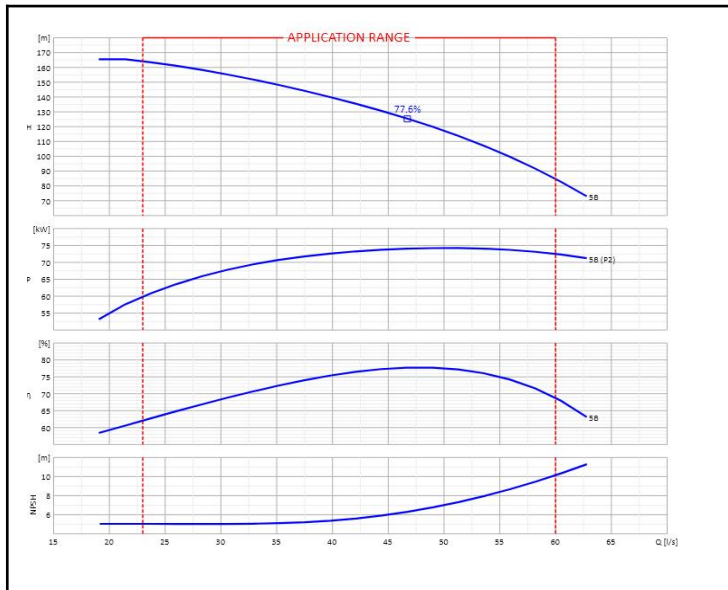


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	SUBMERSIBLE ELECTRIC PUMP	Model	E10S50/5B+MPC10100A-8V



OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS	
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]		
					Delivery diameter	150 mm
					Max. overall diameter	251 mm
					Weight of electric pump	409.6 Kg
					No. Stages	5
					Motor seal	Mechanical
					Type of installation	Vertical

OPERATING LIMITS				PUMP MATERIALS	
Pumped liquid	Water			Diffuser unit	Cast iron
Max. temp. of pumped liquid (*)	25	°C		Suction casing	Nodular cast iron
Maximum density	1	kg/dm³		Impeller	Cast iron
Maximum viscosity	1	mm²/s		Shaft	Stainless steel
Maximum solid content	40	g/m³		Coupling	Stainless steel
Max. number of starts/hr	6			Pump shaft bearing bush	Stainless steel/rubber
Minimum immersion depth	627.5	mm		Valve casing	Cast iron
OPERATING CHARACTERISTICS				Strainer	Stainless steel
Service flow rate	n.d.		n.d.	Wear ring	Steel/Rubber
Service head	n.d.		n.d.		
Qmin	Qmax	23	60	MOTOR MATERIALS	
H (Q=0)	Hmax (Qmin)	183.54	163.81	Shaft	Stainless steel
Power consumption at duty point	n.d.		n.d.	Sand guard	Rubber
Pump efficiency	Overall efficiency	n.d.	n.d.	Rotor	Electrical steel
Max. pump efficiency (B.E.P.)	77.6		n.d.	Stator	Electrical steel
Sense of rotation (**)	Anticlockwise			Stator shell	Stainless steel
Number of pumps installed	Operating	Stand-by		Winding	PPC
	1	0		Lower bracket	Cast iron
ELECTRIC MOTOR CHARACTERISTICS				Mechanical seal cover	Stainless steel
Nominal power	75		kW	Mechanical seal	Silicon carbide/silicon carbide
Rated frequency	50		Hz	Bearing	Graphite
Rated voltage	400		V	Thrust-bearing	Stainless steel/Synthetic
Rated current	146.7		A	Thrust-bearing foot slip	Cast iron
No. Poles	Nominal speed	2	2925	Diaphragm	Rubber
Insulation class	Protection class	n.d.		Diaphragm cover	Cast iron
				Upper bracket	Cast iron

Notes:	(*) Speed of the water outside the jacket of the motor v=0.5 m/s	
	(**) View from delivery port.	
	In case of VSD operation, refer to Use and Maintenance Instructions of the electric pump.	
OFFER No.	Pos.	Date
		16/01/2020